



DH6VS

FIT⁷

19.0 SEER2 & 8.8 HSPF2
1½ TO 5 TONS

DAIKIN *FIT*

HIGH-EFFICIENCY, COMMUNICATING,
VARIABLE-SPEED,
INVERTER DRIVE SIDE DISCHARGE
R-32 SPLIT SYSTEM HEAT PUMP

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R32

Standard Features

- Daikin variable-speed swing compressor
- Quiet digitally commutated fan motor
- High-density compressor sound blanket
- Compatible with Daikin *One+* smart thermostat and other Daikin communicating equipment
- Daikin control algorithmic logic
- Intelligent Defrost Mode
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Daikin Inside intelligence for diagnostics
- Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45dBA)
- Field-selectable boost mode increases compressor speed during unusually high loads
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Muffler on 1.5-3.0-ton models
- Sweat connection service valves with easy access to gauge ports
- Advanced water-shedding drain pan
- Hot start technology
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized steel cabinet with grille-style sound control side design
- Custom Ivory white powder-paint finish
- 500-hour salt-spray tested
- High corrosion (ZAM®), unpainted steel bottom frame and legs
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Unit Replacement Limited Warranty and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Québec. The duration of warranty coverage in Texas and Florida differs in some cases.

	D	H	6	V	S	A	18	1	0	A	A	
	1	2	3	4	5	6	7,8	9	10	11	12	
Brand D Daikin												Minor Revision A
Type H - Heat Pump R-32												Major Revision A
SEER2 16.0 - 16.9 = 6												Variation
Compressor V – Variable Speed												Electrical 1 – 208-230 V, 1 Phase, 60 Hz
Feature Set S – Side Discharge Communicating												Tonnage Nominal 18 - 1½ tons 24 - 2 tons 30 - 2½ tons 36 - 3 tons 42- 3½ Tons 48- 4 Tons 60- 5 Tons
												Sales Region A – All

	DH6VSA 1810A*	DH6VSA 2410A*	DH6VSA 3010A*	DH6VSA 3610A*	DH6VSA 4210A*	DH6VSA 4810A*	DH6VSA 6010A*
CAPACITIES (AHRI RATED)							
Max. Cooling (BTU/h)-95F	17,100	23,200	28,400	34,200	41,000	45,500	53,500
Max. Heating (BTU/h)-47F	17,400	23,200	28,800	34,600	40,000	45,500	54,500
Max. Heating (BTU/h)-5F	13,000	14,200	17,000	20,000	27,400	28,000	33,000
AMBIENT OPERATION RANGE							
Cooling (°FDB(°CDB))	0 to 115 (-17.8 to 46.1) ²						
Heating (°FDB(°CDB))	-10 to 70 (-23.3 to 21.1)						
COMPRESSOR							
Type	Swing	Swing	Swing	Swing	Swing	Swing	Swing
CONDENSER FAN MOTOR							
Horsepower	0.09	0.09	0.20	0.20	0.36	0.36	0.36
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Front Sealing	Front Sealing	Front Sealing	Front Sealing	Front and Back Sealing	Front and Back Sealing	Front and Back Sealing
Refrigerant Charge (oz.)	74	74	76	83	100	100	118
Expansion Device	EEV	EEV	EEV	EEV	EEV	EEV	EEV
Superheat at Service Valve	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control	Auto-control
Subcooling at Service Valve	10±1°F	12±1°F	14±1°F	15±1°F	8±1°F	9±1°F	9±1°F
ELECTRICAL DATA							
Voltage / Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1	208-230/1
Fan/Compressor Inverter Drive Input	8.1	13.3	17.6	17.6	25.4	25.4	30
Minimum Circuit Ampacity ²	12.8	16.8	22.4	22.4	31.8	31.8	37.5
Max. Overcurrent Protection ³	15	20	25	25	35	35	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2"	1/2"	1/2"	1/2"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	122	122	132	137	168	168	179
SHIP WEIGHT (LBS)	137	137	147	151	185	185	198
ENERGY STAR® CERTIFIED	 NO						

¹ Tested and rated in accordance with AHRI Standard 210/240

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
 - Installer will need to supply 3/8" to 1 1/4" adapters for suction line connections.
 - Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- (See table below for allowable line set diameter)

ENERGY STAR NOTES

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR** criteria. Ask your contractor for details or visit www.energystar.gov. The www.energystar.gov website provides up-to-date system combinations certified to meet **ENERGY STAR** requirements.

UNIT TONS	ALLOWABLE LINE SET DIAMETER						
	LIQUID			SUCTION			
	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
1.5	X	X	X	X ¹	X		
2.0		X	X	X ¹	X		
2.5		X	X		X ¹	X	
3.0		X	X		X ¹	X	
3.5			X			X	X
4.0			X			X	X
5.0			X			X	X

x Allowable combination

*1: For marked combinations, if normal ambient operation temperature is less than 14°F, limit line set length to 50 ft. max.

OUTDOOR UNIT	DH6VS*361*A*	TRIM MORE THAN 10% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
INDOOR UNIT	D*96TC0403B/0603B	
	D*97MC0603B	
	D*80TC0603B/0803B	
	MBVK12BP	
	D*96SC0603BU	
OUTDOOR UNIT	DH6VS*601*A*	TRIM MORE THAN 5% SETTINGS ARE INVALID. TRIMMED UP CFM MAKES MISS MATCHING ERROR.
INDOOR UNIT	D*96TC0804C	
	D*97MC0804C	
	D*80TC0804C	

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
520	MBh	17.8	18.6	19.1		17.8	18.1	18.6		17.0	17.2	17.8		15.8	16.1	16.6		14.6	14.8	15.3		13.4	13.7	14.2	
	S/T	0.62	0.52	0.38		0.60	0.52	0.38		0.62	0.54	0.41		0.63	0.56	0.42		0.65	0.58	0.44		0.70	0.63	0.49	
	ΔT	22	18	14		19	17	14		19	17	14		18	16	13		17	16	13		18	16	14	
	kW	0.85	0.93	0.93		1.08	1.07	1.07		1.24	1.24	1.24		1.43	1.43	1.43		1.64	1.64	1.64		1.89	1.89	1.89	
	Amps	3.6	3.9	3.9		4.4	4.4	4.4		5.0	4.9	4.9		5.6	5.6	5.6		6.5	6.5	6.5		7.7	7.7	7.7	
610	Hi PR	234	237	238		277	278	279		321	322	323		369	370	371		421	423	424		479	480	482	
	Lo PR	121	122	129		125	128	135		130	133	141		134	137	145		137	141	148		142	146	153	
	MBh	18.6	18.9	19.4		18.1	18.3	18.9		17.2	17.5	18.0		16.1	16.4	16.9		14.8	15.1	15.6		13.7	13.9	14.4	
	S/T	0.67	0.59	0.46		0.67	0.59	0.46		0.69	0.62	0.48		0.71	0.63	0.50		0.73	0.65	0.52		0.99	0.70	0.57	
	ΔT	18	16	13		18	16	13		18	16	13		17	15	12		16	15	12		17	15	12	
700	kW	0.94	0.94	0.93		1.08	1.08	1.08		1.25	1.25	1.25		1.44	1.44	1.43		1.65	1.65	1.65		1.90	1.90	1.90	
	Amps	3.9	3.9	3.9		4.4	4.4	4.4		5.0	5.0	5.0		5.7	5.7	5.7		6.6	6.5	6.5		7.7	7.7	7.7	
	Hi PR	238	239	241		279	280	282		323	324	326		371	372	374		424	425	427		481	482	484	
	Lo PR	121	124	131		127	130	138		132	135	143		136	139	147		139	143	151		144	148	156	
	MBh	19.0	19.2	19.8		18.4	18.7	19.2		17.6	17.8	18.4		16.4	16.7	17.2		15.2	15.4	15.9		14.0	14.2	14.7	
700	S/T	0.71	0.63	0.49		0.71	0.63	0.50		0.73	0.65	0.52		0.75	0.67	0.54		0.76	0.69	0.56		0.99	0.74	0.60	
	ΔT	17	15	12		17	15	12		17	15	12		16	14	11		15	14	11		16	14	11	
	kW	0.94	0.94	0.94		1.09	1.09	1.09		1.26	1.26	1.25		1.44	1.44	1.44		1.66	1.65	1.65		1.91	1.91	1.91	
	Amps	4.0	3.9	3.9		4.4	4.4	4.4		5.0	5.0	5.0		5.7	5.7	5.7		6.6	6.6	6.6		7.8	7.8	7.8	
	Hi PR	240	241	243		281	283	284		325	327	328		374	375	376		426	428	429		484	485	487	
	Lo PR	123	127	134		129	133	140		134	138	145		138	142	149		142	145	153		146	150	158	

520	MBh	17.8	18.6	19.1	20.0	17.8	18.1	18.6	19.4	17.0	17.2	17.8	18.6	15.9	16.1	16.6	17.4	14.6	14.8	15.3	16.1	13.4	13.7	14.2	14.9
	S/T	0.76	0.64	0.51	0.37	0.72	0.65	0.51	0.37	0.75	0.67	0.54	0.39	1.00	0.69	0.55	0.41	1.00	0.70	0.57	0.43	0.99	0.75	0.62	0.48
	ΔT	26	22	18	15	23	21	18	14	23	21	18	14	22	20	17	14	21	19	16	13	22	20	17	14
	kW	0.85	0.93	0.93	0.93	1.07	1.07	1.07	1.08	1.24	1.24	1.24	1.25	1.43	1.43	1.42	1.43	1.64	1.64	1.64	1.65	1.89	1.89	1.89	1.90
	Amps	3.6	3.9	3.9	3.9	4.4	4.4	4.4	4.4	4.9	4.9	4.9	5.0	5.6	5.6	5.6	5.7	6.5	6.5	6.5	6.5	7.7	7.7	7.7	7.7
610	Hi PR	234	237	238	243	277	278	280	284	321	322	324	328	369	370	372	376	422	423	424	429	479	480	482	486
	Lo PR	121	122	129	141	125	128	135	147	130	133	141	153	134	137	145	157	137	141	148	161	142	146	154	166
	MBh	18.6	18.9	19.4	20.3	18.1	18.3	18.9	19.7	17.3	17.5	18.0	18.8	16.1	16.4	16.9	17.7	14.9	15.1	15.6	16.4	13.7	13.9	14.4	15.2
	S/T	0.80	0.72	0.58	0.44	0.80	0.72	0.59	0.45	0.82	0.75	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.50	0.99	0.83	0.69	0.55
	ΔT	22	20	17	14	22	20	17	13	21	20	16	13	21	19	16	13	20	18	15	12	20	19	16	13
700	kW	0.94	0.93	0.93	0.94	1.08	1.08	1.08	1.09	1.25	1.25	1.25	1.26	1.44	1.43	1.43	1.44	1.65	1.65	1.65	1.66	1.90	1.90	1.90	1.91
	Amps	3.9	3.9	3.9	3.9	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.6	6.5	6.5	6.6	7.7	7.7	7.7	7.8
	Hi PR	238	239	241	245	279	280	282	286	323	324	326	330	371	372	374	379	424	425	427	431	482	483	484	489
	Lo PR	121	124	131	143	127	130	138	150	132	135	143	155	136	139	147	159	139	143	151	163	144	148	156	168
	MBh	19.0	19.2	19.8	20.6	18.4	18.7	19.2	20.0	17.6	17.8	18.4	19.2	16.5	16.7	17.2	18.0	15.2	15.4	15.9	16.7	14.0	14.3	14.8	15.5
700	S/T	0.83	0.76	0.62	0.48	0.84	0.76	0.63	0.48	1.01	0.78	0.65	0.51	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	0.99	0.86	0.73	0.59
	ΔT	21	19	16	12	20	19	15	12	20	19	15	12	20	18	15	12	19	17	14	11	19	18	15	12
	kW	0.94	0.94	0.94	0.95	1.09	1.09	1.09	1.09	1.26	1.25	1.25	1.26	1.44	1.44	1.44	1.45	1.66	1.65	1.65	1.66	1.91	1.91	1.90	1.91
	Amps	3.9	3.9	3.9	4.0	4.4	4.4	4.4	4.4	5.0	5.0	5.0	5.0	5.7	5.7	5.7	5.7	6.6	6.6	6.6	6.6	7.8	7.8	7.8	7.8
	Hi PR	241	242	243	247	282	283	284	289	326	327	328	333	374	375	377	381	427	428	430	434	484	485	487	491
	Lo PR	123	127	134	146	129	133	140	152	134	138	145	157	138	142	149	161	142	145	153	165	147	150	158	171

kW = Total system power
Amps = outdoor unit amps

Shaded area is ACCA (TVA) conditions

IDB*: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

EXPANDED COOLING DATA — DH6VSA2410A* / DFVE24BP1300A*

		OUTDOOR AMBIENT TEMPERATURE																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		ENTERING INDOOR WET BULB TEMPERATURE																								
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	680	MBh	20.3	25.6	26.3		24.4	24.7	25.5		23.1	23.5	24.2		21.5	21.8	22.5		19.7	20.0	20.7		18.0	18.3	19.0	
		S/T	0.63	0.51	0.37		0.59	0.51	0.38		0.61	0.53	0.40		0.63	0.55	0.42		0.64	0.57	0.44		0.69	0.62	0.49	
		ΔT	22	19	15		20	18	15		20	18	15		19	17	14		18	16	13		19	17	14	
		kW	1.09	1.57	1.56		1.78	1.78	1.78		2.02	2.02	2.01		2.28	2.27	2.27		2.57	2.56	2.56		2.91	2.90	2.90	
		Amps	4.4	6.0	6.0		6.8	6.8	6.8		7.8	7.8	7.8		8.9	8.9	8.9		10.0	10.0	9.9		10.1	10.2	10.2	
		Hi PR	243	261	263		303	304	306		349	350	352		399	401	402		454	455	457		513	514	516	
	Lo PR	120	119	126		121	125	132		126	130	138		130	134	141		133	137	145		138	142	150		
70	800	MBh	23.2	26.0	26.7		24.8	25.1	25.8		23.5	23.8	24.6		21.8	22.2	22.9		20.0	20.3	21.0		18.3	18.7	19.3	
		S/T	0.69	0.58	0.45		0.66	0.59	0.45		0.68	0.61	0.48		0.70	0.62	0.49		0.72	0.64	0.51		0.76	0.69	0.56	
		ΔT	21	17	14		19	17	13		18	17	13		18	16	13		17	15	12		17	16	13	
		kW	1.28	1.58	1.58		1.79	1.79	1.79		2.03	2.03	2.03		2.29	2.29	2.28		2.58	2.58	2.57		2.92	2.92	2.91	
		Amps	5.0	6.0	6.0		6.9	6.9	6.8		7.9	7.9	7.9		9.0	9.0	9.0		10.0	10.0	10.0		10.1	10.1	10.1	
		Hi PR	251	263	265		306	307	309		352	353	355		402	403	405		457	458	460		516	517	519	
	Lo PR	120	121	129		123	127	135		128	132	140		131	136	144		135	139	147		140	144	152		
920	920	MBh	26.1	26.5	27.2		25.2	25.6	26.3		24.0	24.3	25.0		22.3	22.6	23.3		20.4	20.8	21.4		18.8	19.1	19.7	
		S/T	0.70	0.62	0.49		0.70	0.62	0.49		0.72	0.65	0.51		0.74	0.66	0.53		0.75	0.68	0.55		0.80	0.73	0.60	
		ΔT	18	16	13		17	16	12		17	15	12		16	15	12		16	14	11		16	15	12	
		kW	1.59	1.59	1.59		1.80	1.80	1.80		2.04	2.04	2.04		2.30	2.30	2.29		2.59	2.59	2.58					

680	MBh	20.3	25.6	26.3	27.5	24.4	24.7	25.5	26.6	23.1	23.5	24.2	25.3	21.5	21.8	22.5	23.6	19.7	20.0	20.7	21.7	18.0	18.3	19.0	20.0
	S/T	0.77	0.64	0.50	0.36	0.71	0.64	0.51	0.36	0.74	0.66	0.53	0.39	0.75	0.68	0.54	0.41	0.77	0.70	0.56	0.42	0.99	0.74	0.61	0.47
	ΔT	26	23	19	16	24	22	19	15	24	22	18	15	23	21	18	14	22	20	17	14	22	20	17	14
	kW	1.09	1.57	1.56	1.58	1.78	1.78	1.77	1.79	2.02	2.01	2.01	2.03	2.27	2.27	2.27	2.29	2.56	2.56	2.56	2.57	2.90	2.90	2.90	2.91
	Amps	4.4	6.0	6.0	6.0	6.8	6.8	6.8	6.8	7.8	7.8	7.8	7.9	8.9	8.9	8.9	9.0	10.0	9.9	9.9	10.0	10.2	10.2	10.2	10.1
	Hi PR	244	261	263	267	303	304	306	311	349	351	352	357	400	401	403	407	454	455	457	462	513	514	516	521
75	Lo PR	120	119	126	138	121	125	133	144	126	130	138	149	130	134	142	153	133	138	145	157	138	142	150	162
	MBh	23.2	26.0	26.7	27.9	24.8	25.1	25.9	27.0	23.5	23.9	24.6	25.7	21.9	22.2	22.9	24.0	20.0	20.3	21.0	22.1	18.4	18.7	19.3	20.3
	S/T	0.83	0.71	0.58	0.44	0.79	0.71	0.58	0.44	0.81	0.73	0.60	0.46	0.82	0.75	0.62	0.48	1.00	0.77	0.64	0.50	0.99	0.82	0.68	0.55
	ΔT	25	21	18	14	23	21	17	14	22	20	17	14	21	20	16	13	20	19	16	12	21	19	16	13
	kW	1.28	1.58	1.58	1.59	1.79	1.79	1.79	1.80	2.03	2.03	2.02	2.04	2.29	2.28	2.28	2.30	2.58	2.58	2.57	2.59	2.92	2.92	2.91	2.93
	Amps	5.0	6.0	6.0	6.1	6.9	6.8	6.8	6.9	7.9	7.9	7.8	7.9	9.0	9.0	9.0	9.0	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1
800	Hi PR	251	264	265	270	306	307	309	314	352	353	355	360	402	403	405	410	457	458	460	465	516	517	519	524
	Lo PR	120	121	129	140	123	127	135	146	128	132	140	151	132	136	144	155	135	140	147	159	140	144	152	164
	MBh	26.1	26.5	27.2	28.4	25.2	25.6	26.3	27.5	24.0	24.3	25.0	26.1	22.3	22.6	23.3	24.4	20.5	20.8	21.5	22.5	18.8	19.1	19.8	20.8
	S/T	0.82	0.75	0.61	0.47	0.83	0.75	0.62	0.48	0.85	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.67	0.54	0.99	0.85	0.72	0.58
	ΔT	22	20	17	13	21	20	16	13	21	19	16	13	20	19	15	12	19	18	15	11	20	18	15	12
	kW	1.59	1.59	1.59	1.60	1.80	1.80	1.80	1.81	2.04	2.04	2.04	2.05	2.30	2.30	2.29	2.31	2.59	2.59	2.58	2.60	2.93	2.93	2.92	2.94
920	Amps	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.9	7.9	7.9	8.0	9.0	9.0	9.0	9.1	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1
	Hi PR	265	266	268	273	309	310	312	316	355	356	358	362	405	406	408	413	460	461	463	467	519	520	522	526
	Lo PR	119	124	131	142	125	129	137	149	130	134	142	154	134	138	146	158	137	142	150	162	142	147	154	167

IDB*: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps

EXPANDED COOLING DATA — DH6VSA2410A* / DFVE24BP1300A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
680	MBh	21.9	25.7	26.5	27.6	24.5	24.9	25.6	26.7	23.3	23.6	24.3	25.4	21.6	21.9	22.6	23.7	19.8	20.1	20.8	21.8	18.1	18.4	19.1	20.1
	S/T	0.89	0.76	0.63	0.48	0.84	0.76	0.63	0.49	1.01	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.82	0.69	0.55	0.99	0.86	0.73	0.59
	ΔT	31	27	23	20	28	26	23	19	27	26	22	19	26	25	21	18	25	24	21	17	26	24	21	18
	kW	1.19	1.57	1.56	1.58	1.78	1.78	1.78	1.79	2.02	2.02	2.01	2.03	2.28	2.27	2.27	2.29	2.56	2.56	2.56	2.58	2.90	2.90	2.90	2.92
	Amps	4.7	6.0	6.0	6.0	6.8	6.8	6.8	6.9	7.8	7.8	7.8	7.9	8.9	8.9	8.9	9.0	10.0	10.0	9.9	10.0	10.2	10.2	10.2	10.1
	Hi PR	247	261	263	268	304	305	307	311	350	351	353	358	400	401	403	408	455	456	458	462	514	515	517	522
800	Lo PR	120	120	127	138	121	126	133	144	126	131	138	150	130	134	142	154	134	138	146	158	138	143	151	163
	MBh	25.2	26.1	26.9	28.0	24.9	25.2	26.0	27.1	23.6	24.0	24.7	25.8	22.0	22.3	23.2	24.1	20.1	20.5	21.1	22.2	18.5	18.8	19.4	20.5

		OUTDOOR AMBIENT TEMPERATURE																			
		65°F						75°F						85°F							
		ENTERING INDOOR WET BULB TEMPERATURE																			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	31.0	31.3	32.2		29.8	30.3	31.2		28.3	28.7	29.6		26.3	26.7	27.5		24.0	24.4	25.3	
	S/T	0.60	0.52	0.38		0.60	0.52	0.39		0.63	0.55	0.41		0.65	0.57	0.44		0.68	0.60	0.46	
	ΔT	22	18	15		20	18	14		19	18	14		19	17	14		18	16	13	
	kW	1.82	2.03	2.02		2.27	2.27	2.27		2.54	2.54	2.54		2.83	2.83	2.83		3.15	3.15	3.15	
	Amps	6.7	7.6	7.5		8.6	8.6	8.6		9.8	9.8	9.8		11.0	11.0	11.0		12.4	12.4	12.4	
1010	Hi PR	274	275	277		317	318	320		362	364	365		411	412	414		464	465	467	
	Lo PR	119	120	126		123	126	133		127	131	138		131	135	142		135	138	147	
	MBh	31.5	31.8	32.7		30.3	30.7	31.6		28.8	29.2	30.1		26.7	27.1	28.0		24.5	24.9	25.7	
	S/T	0.68	0.59	0.46		0.68	0.60	0.46		0.71	0.63	0.49		0.73	0.65	0.51		0.76	0.68	0.54	
	ΔT	21	17	13		18	16	13		18	16	13		17	16	12		17	15	12	
1160	kW	1.84	2.04	2.04		2.29	2.29	2.28		2.56	2.56	2.55	</								

EXPANDED COOLING DATA — DH6VSA3010A* / DFVE36CP1300A* (CONT.)

IDB*		OUTDOOR AMBIENT TEMPERATURE																		115°F					
		65°F						75°F						85°F						105°F					
		ENTERING INDOOR WET BULB TEMPERATURE																		95°F					
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	59	63	67	71	75	79
80	AIRFLOW	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	59	63	67	71	75	79
	MBh	31.2	31.5	32.4	33.8	30.0	30.4	31.3	32.7	28.5	28.9	29.8	31.1	26.4	26.9	27.7	29.0	24.2	24.6	25.4	26.7	22.2	22.6	23.4	24.6
	S/T	0.86	0.77	0.63	0.49	0.99	0.78	0.64	0.50	1.00	0.81	0.67	0.53	1.00	0.83	0.70	0.55	1.01	0.86	0.72	0.58	1.01	0.92	0.78	0.63
	ΔT	31	26	23	19	27	26	22	19	27	25	22	19	26	24	21	18	25	23	20	17	25	24	21	18
	kW	1.82	2.03	2.02	2.04	2.27	2.27	2.27	2.29	2.54	2.54	2.54	2.56	2.83	2.83	2.83	2.85	3.15	3.15	3.15	3.17	3.53	3.52	3.52	3.54
	Amps	6.7	7.6	7.5	7.6	8.6	8.6	8.6	8.7	9.8	9.8	9.8	9.8	11.0	11.0	11.0	11.1	12.4	12.4	12.4	12.4	13.9	13.9	13.9	14.0
	Hi PR	274	276	278	282	318	319	321	326	363	364	366	371	412	413	415	420	465	466	468	472	521	522		

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1070	MBh	30.3	34.1	39.0		36.0	36.5	37.6		34.0	34.5	35.5		31.4	31.9	32.9		28.6	29.1	30.1		26.7	27.1	28.1	
	S/T	0.65	0.55	0.39		0.61	0.53	0.39		0.63	0.56	0.42		0.65	0.57	0.44		0.67	0.59	0.46		1.00	0.66	0.52	
	ΔT	21	20	14		19	17	14		19	17	14		18	16	13		17	15	12		20	18	15	
	kW	1.75	1.99	2.68		3.03	3.03	3.03		3.42	3.42	3.41		3.83	3.83	3.83		4.30	4.29	4.29		4.38	4.38	4.37	
	Amps	6.3	7.2	10.0		11.5	11.4	11.4		13.1	13.1	13.0		14.8	14.8	14.7		16.6	16.6	16.6		16.9	16.9	16.9	
70	Hi PR	282	287	295		333	334	336		375	376	378		420	421	423		466	468	469		514	515	517	
	Lo PR	119	119	121		120	123	129		127	130	136		133	135	142		139	141	148		147	150	157	
	MBh	32.5	37.5	39.6		36.5	37.0	38.1		34.5	35.0	36.1		32.0	32.5	33.5		29.2	29.6	30.6		27.2	27.6	28.6	
	S/T	0.73	0.63	0.47		0.69	0.61	0.47		0.71	0.63	0.49		0.73	0.65	0.51		0.75	0.67	0.53		1.00	0.74	0.60	
	ΔT	20	18	13		18	16	13		17	16	12		16	15	12		16	14	11		18	17	13	
1260	kW	1.89	2.27	2.70		3.06	3.05	3.05		3.44	3.44	3.43		3.86	3.85	3.85		4.32	4.32	4.31		4.40	4.40	4.39	
	Amps	6.8	8.3	10.0		11.6	11.5	11.5		13.2	13.1	13.1		14.9	14.8	14.8		16.7	16.7	16.7		17.0	17.0	16.9	
	Hi PR	287	293	298		336	337	339		378	379	381		422	424	426		469	470	472		517	518	520	
	Lo PR	120	119	123		122	125	131		129	132	138		135	138	144		141	143	150		149	152	159	
	MBh	37.7	39.2	40.3		37.2	37.7	38.8		35.2	35.7	36.8		32.6	33.1	34.1		29.8	30.3	31.3		27.8	28.3	29.2	
1450	S/T	0.75	0.64	0.50		0.73	0.65	0.51		0.75	0.67	0.53		0.77	0.69	0.55		0.79	0.71	0.57		1.00	0.78	0.64	
	ΔT	19	15	12		17	15	12		16	15	11		15	14	11		15	13	10		17	15	12	
	kW	2.29	2.73	2.72		3.07	3.07	3.07		3.46	3.46	3.45		3.87	3.87	3.87		4.34	4.33	4.33		4.41	4.41	4.41	
	Amps	8.4	10.2	10.1		11.6	11.6	11.6		13.2	13.2	13.2		14.9	14.9	14.9		16.8	16.8	16.7		17.0	17.0	17.0	
	Hi PR	295	299	301		339	340	342		381	382	384		425	426	428		472	473	475		519	521	522	
	Lo PR	119	119	126		125	127	133		131	134	140		137	140	147		143	146	153		151	154	161	

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F											
		ENTERING INDOOR WET BULB TEMPERATURE																							
		IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
1070	MBh	30.3	34.1	39.0	40.7	36.0	36.5	37.6	39.2	34.0	34.5	35.6	37.2	31.5	31.9	33.0	34.5	28.7	29.1	30.1	31.6	26.7	27.1	28.1	29.6
	S/T	0.80	0.69	0.52	0.37	0.74	0.66	0.53	0.38	0.77	0.69	0.55	0.40	0.78	0.71	0.57	0.42	1.00	0.73	0.59	0.44	1.00	0.80	0.66	0.51
	ΔT	26	24	18	15	23	21	18	14	22	21	17	14	21	20	17	13	20	19	16	13	23	22	18	15
	kW	1.75	1.98	2.68	2.70	3.03	3.03	3.02	3.05	3.42	3.41	3.41	3.43	3.83	3.83	3.82	3.85	4.30	4.29	4.29	4.31	4.38	4.37	4.37	4.39
	Amps	6.3	7.2	9.9	10.1	11.4	11.4	11.4	11.5	13.1	13.0	13.0	13.1	14.8	14.7	14.7	14.8	16.6	16.6	16.6	16.7	16.9	16.9	16.9	17.0
75	Hi PR	282	287	295	300	333	334	336	342	375	377	379	384	420	421	423	428	467	468	470	475	514	515	517	522
	Lo PR	119	119	121	132	120	123	129	140	127	130	136	147	133	136	142	154	139	141	148	160	147	150	157	169
	MBh	32.5	37.5	39.6	41.3	36.5	37.1	38.1	39.8	34.6	35.1	36.1	37.7	32.0	32.5	33.5	35.1	29.2	29.6	30.6	32.2	27.2	27.7	28.6	30.1
	S/T	0.87	0.77	0.60	0.45	0.82	0.74	0.60	0.46	0.84	0.76	0.63	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	0.87	0.73	0.59
	ΔT	24	23	17	14	21	20	16	13	21	19	16	13	20	18	15	12	19	18	15	12	22	20	17	14
1260	kW	1.88	2.27	2.70	2.73	3.05	3.05	3.05	3.07	3.44	3.44	3.43	3.46	3.85	3.85	3.85	3.87	4.32	4.31	4.31	4.34	4.40	4.39	4.39	4.41
	Amps	6.8	8.3	10.0	10.2	11.5	11.5	11.5	11.6	13.1	13.1	13.1	13.2	14.8	14.8	14.8	14.9	16.7	16.7	16.7	16.8	17.0	17.0	16.9	17.0
	Hi PR	287	293	298	303	336	337	339	344	378	380	382	387	423	424	426	431	469	471	473	477	517	518	520	525
	Lo PR	120	119	123	134	122	125	131	142	129	132	138	149	135	138	144	156	141	143	150	162	149	152	159	171
	MBh	37.7	39.2	40.3	42.0	37.2	37.8	38.8	40.5	35.2	35.7	36.8	38.4	32.7	33.1	34.2	35.7	29.8	30.3	31.3	32.8	27.8	28.3	29.3	30.8
1450	S/T	0.89	0.78	0.64	0.49	0.86	0.78	0.64	0.50	0.88	0.80	0.67	0.52	1.00	0.82	0.68	0.54	1.00	0.84	0.70	0.56	1.00	0.91	0.77	0.63
	ΔT	24	19	16	12	20	19	15	12	20	18	15	12	19	17	14	11	18	17	14	11	21	19	16	13
	kW	2.29	2.72	2.72	2.74	3.07	3.07	3.06	3.09	3.46	3.45	3.45	3.47	3.87	3.87	3.86	3.89	4.34	4.33	4.33	4.35	4.41	4.41	4.40	4.43
	Amps	8.4	10.1	10.1	10.2	11.6	11.6	11.6	11.7	13.2	13.2	13.2	13.3	14.9	14.9	14.9	15.0	16.8	16.7	16.7	16.8	17.0	17.0	17.0	17.1
	Hi PR	295	299	301	306	339	340	342	347	381	382	384	389	425	427	429	434	472	473	475	480	520	521	523	527
	Lo PR	119	119	126	136	125	127	133	145	131	134	140	152	137	140	147	158	143	146	153	165	151	154	161	174

IDB*: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power
 Amps = outdoor unit amps

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80		MBh	30.5	34.3	39.2	40.9	36.2	36.7	37.8	39.4	34.2	34.7	35.8	37.4	31.6	32.1	33.1	34.7	28.8	29.3	30.3	31.8	26.8	27.3	28.3	29.8	26.8	27.3	28.3	29.8							
		S/T	0.93	0.83	0.65	0.50	0.87	0.79	0.65	0.51	1.01	0.82	0.68	0.53	1.00	0.83	0.69	0.55	1.00	0.85	0.72	0.57	1.00	1.00	0.79	0.64	1.00	1.00	0.79	0.64							
	1070	ΔT	30	28	22	19	26	25	22	18	26	24	21	18	25	23	20	17	24	22	19	16	27	25	22	19	27	25	22	19							
		kW	1.75	1.98	2.68	2.71	3.03	3.03	3.02	3.05	3.42	3.42	3.41	3.44	3.83	3.83	3.82	3.85	4.30	4.29	4.29	4.31	4.38	4.38	4.37	4.39	4.38	4.38	4.37	4.39							
		Amps	6.3	7.2	9.9	10.1	11.5	11.4	11.4	11.5	13.1	13.0	13.0	13.1	14.8	14.7	14.7	14.8	16.6	16.6	16.6	16.7	16.9	16.9	16.9	17.0	16.9	16.9	16.9	17.0							
		Hi PR	283	288	296	301	334	335	337	342	376	377	379	384	420	422	423	428	467	468	470	475	515	516	518	522	515	516	518	522							
		Lo PR	120	120	122	132	121	123	130	141	128	130	137	148	133	136	143	154	139	142	149	161	147	150	157	169	147	150	157	169							
1260		MBh	34.3	37.7	39.8	41.5	36.7	37.2	38.3	40.0	34.7	35.2	36.3	37.9	32.2	32.7	34.2	35.2	29.4	29.8	30.8	32.3	27.4	27.8	28.8	30.3	27.4	27.8	28.8	30.3							
		S/T	0.99	0.90	0.73	0.58	1.01	0.87	0.73	0.58	1.01	0.89	0.75	0.61	1.00	0.91	0.77	0.63	1.00	0.93	0.79	0.65	1.00	1.00	0.86	0.72	1.00	1.00	0.86	0.72							
		ΔT	29	27	21	18	25	23	20	17	25	23	20	17	24	22	19	16	23	21	18	15	26	24	21	18	26	24	21	18							
	1450	kW	2.00	2.27	2.70	2.73	3.06	3.05	3.05	3.07	3.44	3.44	3.43	3.46	3.86	3.85	3.80	3.87	4.32	4.32	4.31	4.34	4.40	4.40	4.39	4.41	4.40	4.40	4.39	4.41							
		Amps	7.3	8.3	10.0	10.2	11.5	11.5	11.5	11.6	13.2	13.1	13.1	13.2	14.9	14.8	14.8	14.9	16.7	16.7	16.7	16.8	17.0	17.0	16.9	17.0	17.0	17.0	16.9	17.0							
		Hi PR	289	294	299	304	337	338	340	345	379	380	382	387	423	424	426	431	470	471	473	478	517	519	521	525	517	519	521	525							
		Lo PR	120	120	124	134	123	125	132	143	130	132	139	150	135	138	146	156	141	144	151	163	149	152	159	172	149	152	159	172							
1450		MBh	37.9	39.4	40.5	42.2	37.4	38.0	39.0	40.7	35.4	35.9	37.0	38.6	32.8	33.3	34.3	35.9	30.0	30.5	31.5	33.0	28.0	28.5	29.4	3											

kW = Total system power
Amps = outdoor unit amps

Shaded area is AHRI conditions

IDB*: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

EXPANDED COOLING DATA — DH6VSA4210A* / DFVE48DP1300A*

		OUTDOOR AMBIENT TEMPERATURE																			
		65°F						75°F						85°F							
		ENTERING INDOOR WET BULB TEMPERATURE																			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	33.5	42.3	43.6		41.3	41.9	43.1		40.1	40.7	41.9		38.1	38.7	40.0		35.8	36.3	37.6	
	S/T	0.59	0.50	0.37		0.58	0.50	0.37		0.60	0.53	0.40		0.62	0.54	0.41		0.64	0.56	0.43	
	ΔT	21	19	15		20	19	15		21	19	15		20	18	15		20	18	15	
	kW	1.66	3.32	3.31		3.70	3.70	3.69		4.11	4.10	4.09		4.53	4.53	4.52		4.99	4.99	4.98	
	Amps	8.2	14.7	14.7		15.9	15.8	15.8		16.9	16.9	16.8		17.7	17.7	17.7		18.5	18.5	18.4	
	Hi PR	261	280	282		324	325	327		371	372	374		422	423	425		477	478	480	
	Lo PR	119	119	127		120	125	133		124	129	137		127	132	140		130	136	144	
	MBh	37.8	43.0	44.2		41.9	42.5	43.8		40.7	41.3	42.6		38.8	39.4	40.6		36.4	37.0	38.2	
	S/T	0.65	0.57	0.44		0.65	0.58	0.45		0.67	0.60	0.47		0.69	0.62	0.49		0.71	0.64	0.51	
	ΔT	20	17	14		19	17	14		19	17	14		19	17	14		19	17	13	
1320	kW	1.99	3.35	3.34		3.73	3.72	3.72		4.13	4.13	4.12									

EXPANDED COOLING DATA — DH6VSA4810A* / DFVE48DP1300A*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70		MBh	41.8	49.6	51.1	48.3	48.2	49.6	45.3	46.0	47.4	42.3	42.9	44.3	38.9	39.5	40.9	29.7	30.2	31.3																	
		S/T	0.56	0.49	0.36	0.55	0.49	0.37	0.59	0.52	0.39	0.62	0.54	0.41	0.64	0.57	0.44	0.70	0.62	0.49																	
	1170	ΔT	23	20	17	23	20	16	22	20	16	21	19	15	20	18	15	21	20	16																	
		kW	2.24	3.71	3.70	3.38	4.10	4.10	4.53	4.53	4.52	4.97	4.96	4.96	5.43	5.43	5.42	3.33	3.33	3.32																	
		Amps	9.6	14.8	14.8	13.6	16.5	16.5	18.3	18.3	18.3	20.0	20.0	20.0	21.6	21.6	21.6	13.7	13.7	13.6																	
	Hi PR	280	293	295	343	337	339	382	383	385	431	432	434	483	484	486	513	514	516																		
	Lo PR	119	120	128	120	123	132	120	126	134	121	128	136	123	129	137	132	138	147																		
		MBh	47.3	50.4	51.9	48.3	49.0	50.4	46.0	46.7	48.1	43.0	43.7	45.0	39.6	40.2	41.6	30.3	30.8	31.9																	
		S/T	0.61	0.56	0.43	0.64	0.57	0.44	0.67	0.59	0.46	0.69	0.62	0.49	0.71	0.64	0.51	0.77	0.70	0.57																	
	1380	ΔT	22	19	15	20	18	15	20	18	15	20	18	14	19	17	13	20	18	15																	
		kW	2.73	3.74	3.73	4.14	4.14	4.13	4.56	4.56	4.55	5.00	4.99	4.99	5.46	5.46	5.45	3.34	3.34	3.34																	
		Amps	11.2	14.9	14.9	16.7	16.6	16.6	18.5	18.4	18.4	20.1	20.1	20.1	21.7	21.7	21.7	13.7	13.7	13.7																	
	Hi PR	293	296	298	339	340	342	385	386	388	434	435	437	486	487	489	516	517	519																		
	Lo PR	119	122	130	119	126	134	122	128	136	123	130	138	124	131	139	133	140	149																		
		MBh	51.4	51.3	52.8	49.2	49.9	51.3	47.0	47.6	49.0	43.9	44.5	45.9	40.5	41.1	42.5	31.0	31.5	32.6																	
		S/T	0.64	0.59	0.47	0.68	0.60	0.47	0.70	0.63	0.50	0.73	0.65	0.52	0.75	0.68	0.55	0.81</																			

75	1170	MBh	41.9	49.7	51.1	53.4	48.3	48.2	49.7	51.9	45.3	46.0	47.4	49.6	42.3	43.0	44.3	46.4	38.9	39.6	40.9	43.0	29.7	30.3	31.4	33.0	
		S/T	0.68	0.61	0.48	0.34	0.67	0.62	0.49	0.35	0.72	0.65	0.52	0.38	0.74	0.67	0.54	0.40	0.77	0.69	0.56	0.42	0.82	0.75	0.62	0.48	
		ΔT	28	25	21	17	28	24	21	17	26	24	20	17	25	23	20	16	24	22	19	15	26	24	20	17	
		kW	2.24	3.70	3.70	3.74	3.37	4.10	4.09	4.13	4.13	4.53	4.53	4.52	4.55	4.97	4.96	4.95	4.99	5.43	5.43	5.42	5.46	3.33	3.33	3.32	3.34
		Amps	9.6	14.8	14.7	14.9	13.5	16.5	16.5	16.6	16.6	18.3	18.3	18.3	18.4	20.0	20.0	20.0	20.1	21.6	21.6	21.6	21.7	13.7	13.7	13.6	13.7
1380	Hi PR	281	293	295	300	343	337	339	345	382	383	385	390	431	432	434	439	443	483	485	487	492	513	515	516	521	
	Lo PR	120	120	128	138	120	124	132	142	120	126	134	145	122	128	136	147	147	123	129	137	147	132	138	147	158	
	MBh	47.3	50.4	51.9	54.1	48.3	49.0	50.4	52.6	46.1	46.7	48.1	50.3	43.0	43.7	45.1	47.2	47.2	39.6	40.3	41.6	43.7	30.3	30.8	31.9	33.6	
	S/T	0.73	0.68	0.55	0.42	0.76	0.69	0.56	0.42	0.79	0.72	0.59	0.45	0.81	0.74	0.61	0.47	0.47	0.84	0.77	0.63	0.50	1.01	0.82	0.69	0.55	
	ΔT	27	23	20	16	25	23	19	15	25	23	19	15	24	22	18	15	23	23	21	18	14	24	22	19	15	
1590	kW	2.73	3.74	3.73	3.77	4.14	4.13	4.12	4.16	4.56	4.56	4.55	4.58	4.99	4.99	4.98	5.02	5.02	5.46	5.46	5.45	5.48	3.34	3.34	3.34	3.36	
	Amps	11.2	14.9	14.9	15.1	16.7	16.6	16.6	16.8	18.5	18.4	18.4	18.6	20.1	20.1	20.1	20.2	20.2	21.7	21.7	21.7	21.8	13.7	13.7	13.7	13.8	
	Hi PR	293	296	298	303	339	340	342	348	385	386	388	393	434	435	437	442	442	486	488	490	494	516	517	519	524	
	Lo PR	119	122	130	141	119	126	134	145	122	128	136	147	123	130	138	149	149	124	131	139	149	133	140	149	160	
	MBh	51.5	51.4	52.8	55.1	49.2	49.9	51.3	53.5	47.0	47.6	49.1	51.2	43.9	44.6	46.0	48.1	48.1	40.5	41.1	42.5	44.5	31.0	31.5	32.6	34.3	
1590	S/T	0.76	0.72	0.59	0.45	0.80	0.73	0.60	0.46	0.83	0.75	0.62	0.49	0.85	0.78	0.65	0.51	0.51	0.88	0.80	0.67	0.53	1.01	0.86	0.73		

kW = Total system power
Amps = outdoor unit amps

Shaded area is ACCA (TVA) conditions

IDB*: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.
Airflow may vary depending on actual ambient conditions and system operation modes.

EXPANDED COOLING DATA — DH6VSA4810A* / DFVE48DP1300A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		ENTERING INDOOR WET BULB TEMPERATURE																							
80	MBh	42.1	49.9	51.4	53.6	48.5	48.5	49.9	52.1	45.6	46.3	47.7	49.8	42.6	43.2	44.6	46.7	39.2	39.8	41.1	43.2	29.9	30.4	31.5	33.2
	S/T	0.80	0.73	0.60	0.46	0.78	0.74	0.61	0.47	0.84	0.76	0.64	0.50	0.86	0.79	0.66	0.52	1.01	0.81	0.68	0.54	1.01	0.87	0.74	0.60
	ΔT	33	29	26	22	33	29	25	21	30	28	25	21	29	28	24	20	29	27	23	20	30	28	24	21
	kW	2.24	3.71	3.70	3.74	3.38	4.10	4.09	4.13	4.53	4.53	4.52	4.56	4.97	4.96	4.96	4.99	5.43	5.43	5.42	5.46	3.33	3.33	3.32	3.34
	Amps	9.6	14.8	14.8	14.9	13.6	16.5	16.5	16.6	18.3	18.3	18.3	18.4	20.0	20.0	20.0	20.1	21.6	21.6	21.6	21.7	13.7	13.7	13.6	13.7
	Hi PR	281	294	296	301	343	338	340	345	383	384	386	391	432	433	435	440	484	485	487	492	514	515	517	522
	Lo PR	120	120	128	139	120	124	132	143	121	127	135	146	122	128	136	147	123	129	137	148	132	139	147	1

EXPANDED COOLING DATA — DH6VSA6010A* / DFVE60DP1300A*

		OUTDOOR AMBIENT TEMPERATURE																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70		MBh	29.1	42.9	59.2		39.7	56.1	57.8		47.4	53.7	55.4		49.6	50.4	52.0		42.2	42.9	44.3		33.3	33.8	35.1		0.71	0.63	0.50								
	1390	S/T	0.67	0.51	0.36		0.60	0.49	0.36		0.60	0.52	0.39		0.61	0.53	0.41		0.64	0.56	0.43		0.71	0.63	0.50		21	19	16								
		ΔT	20	20	16		21	19	16		22	19	16		20	18	15		21	19	15		21	19	16		21	19	16								
		kW	1.60	2.45	4.12		2.62	4.68	4.67		4.09	5.30	5.29		5.97	5.97	5.96		5.87	5.87	5.86		5.09	5.09	5.08		20.5	20.5	20.4								
		Amps	6.5	9.9	16.3		10.6	18.6	18.6		16.2	21.2	21.1		24.0	24.0	23.9		23.6	23.6	23.5		20.5	20.5	20.4		51.8	52.0	52.1								
	Hi PR	252	269	298		308	343	345		371	392	394		443	444	446		483	485	487		518	520	521		133	141	150									
	Lo PR	121	120	122		119	120	128		119	124	133		121	128	137		124	132	141		133	141	150													
70		MBh	32.0	47.6	60.1		43.7	57.0	58.6		51.4	54.6	56.2		50.4	51.2	52.8		43.0	43.6	45.1		33.9	34.5	35.7		0.78	0.71	0.57								
	1640	S/T	0.73	0.58	0.43		0.66	0.56	0.43		0.67	0.59	0.46		0.68	0.61	0.48		0.71	0.64	0.51		0.78	0.71	0.57		20	18	14								
		ΔT	19	19	14		20	18	14		21	18	14		19	17	14		19	18	14		20	18	14		20	18	14								
		kW	1.73	2.80	4.15		2.95	4.72	4.71		4.56	5.34	5.33		6.01	6.00	5.99		5.90	5.90	5.89		5.12	5.11	5.11		20.6	20.6	20.5								
		Amps	7.0	11.2	16.4		11.8	18.8	18.7		18.1	21.3	21.3		24.2	24.1	24.1		23.7	23.7	23.7		20.6	20.6	20.5		521	522	524								
	Hi PR	256	277	301		315	346	348		380	395	397		446	447	450		486	487	489		521	522	524		135	143	152									
	Lo PR	121	120	124		119	122	130		119	126	135		122	130	139		126	134	143		135	143	152													
1890		MBh	38.5	53.3	61.2		49.0	58.0	59.7		54.9	55.6	57.3		51.5	52.3	53.9		43.9	44.6	46.0		34.7	35.3	36.5		0.82	0.74	0.61								
	1890	S/T	0.72	0.60	0.46		0.69	0.60	0.47		0.69	0.62	0.49		0.71	0.64	0.51		0.75	0.67	0.54		0.82	0.74	0.61		19	17	13								
		ΔT	19	18	13		19	17	13																												

		OUTDOOR AMBIENT TEMPERATURE																			
		65°F						75°F						85°F							
		ENTERING INDOOR WET BULB TEMPERATURE																			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1390	MBh	29.1	42.9	59.3	61.9	39.8	56.1	57.8	60.3	47.5	53.7	55.4	57.9	49.6	50.4	52.0	54.5	42.2	42.9	44.4	46.6
	S/T	0.81	0.64	0.48	0.34	0.73	0.61	0.49	0.35	0.72	0.64	0.51	0.37	0.73	0.66	0.53	0.39	0.76	0.69	0.56	0.42
	ΔT	24	25	20	16	26	23	20	16	27	23	20	16	24	22	19	15	25	23	20	16
	kW	1.60	2.45	4.11	4.16	2.62	4.68	4.67	4.71	4.09	5.30	5.29	5.33	5.97	5.96	5.95	6.00	5.87	5.86	5.85	5.89
	Amps	6.5	9.9	16.2	16.4	10.6	18.6	18.5	18.7	16.2	21.2	21.1	21.3	24.0	24.0	23.9	24.1	23.6	23.5	23.5	23.7
1640	Hi PR	252	269	299	304	308	343	345	350	371	392	394	399	443	445	447	452	484	485	487	492
	Lo PR	121	120	122	133	119	120	128	139	119	124	133	144	121	128	137	148	124	132	141	152
	MBh	32.0	47.6	60.2	62.7	43.7	57.0	58.7	61.2	51.4	54.6	56.2	58.8	50.5	51.2	52.9	55.3	43.0	43.7	45.1	47.4
	S/T	0.87	0.71	0.55	0.42	0.79	0.68	0.56	0.42	0.79	0.71	0.58	0.45	0.80	0.73	0.60	0.46	0.84	0.76	0.63	0.49
	ΔT	23	23	19	15	25	22	18	15	25	22	18	15	23	21	18	14	24	22	18	14
1890	kW	1.73	2.79	4.15	4.19	2.95	4.72	4.71	4.75	4.55	5.33	5.32	5.37	6.00	6.00	5.99	6.03	5.90	5.89	5.89	5.92
	Amps	7.0	11.2	16.4	16.6	11.8	18.7	18.7	18.9	18.1	21.3	21.3	21.5	24.1	24.1	24.1	24.3	23.7	23.7	23.6	23.8
	Hi PR	257	277	302	307	315	346	348	353	381	395	397	402	446	448	450	455	486	488	490	495
	Lo PR	121	120	124	135	120	122	130	141	119	126	135	146	122	130	139	150	126	134	143	154
	MBh	38.5	53.4	61.2	63.8	49.0	58.1	59.7	62.3	54.9	55.7	57.3	59.8	51.5	52.3	53.9	56.4	43.9	44.6	46.1	48.3
1890	S/T	0.86	0.73	0.59	0.45	0.82	0.72	0.59	0.46	0.82	0.74	0.62	0.48	0.83	0.76	0.63	0.50	0.87	0.80	0.67	0.53
	ΔT	23	22	18	14	24	21	17	13	23	21	17	13	22	20	17	13	23	21	17	13
	kW	2.10	3.25	4.18	4.22	3.41	4.74	4.73	4.78	5.37	5.36	5.35	5.40	6.03	6.03	6.02	6.06	5.92	5.92	5.91	5.95
	Amps	8.5	12.9	16.5	16.7	13.6	18.9	18.8	19.0	21.5	21.5	21.4	21.6	24.3	24.3	24.2	24.4	23.8	23.8	23.7	23.9
	Hi PR	266	287	305	310	326	349	351	356	397	398	400	405	449	451	453	458	489	491	493	498
	Lo PR	120	120	127	137	120	124														

IDB*: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Airflow may vary depending on actual ambient conditions and system operation modes.

Shaded area is ACCA (TVA) conditions

kW = Total system power
 Amps = outdoor unit amps

EXPANDED COOLING DATA — DH6VSA6010A* / DFVE60DP1300A* (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	31.7	45.0	59.6	62.2	40.0	56.4	58.1	60.6	47.7	54.0	55.7	58.2	49.9	50.7	52.3	54.8	42.5	43.2	44.6	46.9	33.5	34.1	35.3	37.2
	S/T	0.92	0.76	0.60	0.46	0.85	0.73	0.60	0.47	0.84	0.76	0.63	0.49	0.85	0.77	0.65	0.51	1.00	0.81	0.68	0.54	1.00	0.88	0.75	0.61
	ΔT	29	29	25	21	30	28	24	20	31	27	24	20	28	27	23	20	30	28	24	20	29	27	24	20
	kW	1.72	2.60	4.12	4.16	2.62	4.68	4.67	4.72	4.09	5.30	5.29	5.33	5.97	5.97	5.96	6.00	5.87	5.86	5.86	5.89	5.09	5.09	5.08	5.11
	Amps	7.0	10.4	16.3	16.4	10.6	18.6	18.6	18.7	16.2	21.2	21.1	21.3	24.0	24.0	23.9	24.1	23.6	23.6	23.5	23.7	20.5	20.5	20.4	20.6
	Hi PR	254	272	299	304	309	344	346	351	372	393	395	400	444	445	447	452	484	485	487	492	519	520	522	527
	Lo PR	119	119	123	133	120	129	129	139	120	125	133	144	121	128	137	148	125	132	141	152	133	141	151	162
	MBh	34.0	50.3	60.4	63.0	43.9	57.3	59.0	61.5	54.1	54.9	56.5	59.0	50.8	51.5	53.5	55.6	43.2	43.9	45.4	47.6	34.1	34.7	35.9	37.8
	S/T	0.98	0.82	0.67	0.53	0.92	0.80	0.68	0.54	0.90	0.83	0.70	0.56	1.00	0.85	0.72	0.58	1.00	0.88	0.75</					

EXPANDED HEATING DATA — NORMAL HEATING MODE

DH6VSA1810A* + DFVE24BP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	22.2	20.9	19.5	18.2	17.4	16.8	15.3	20.0	18.6	17.5	16.7	16.3	15.7	14.4	13.0	11.6	10.3	8.9
T/R	32	31	29	27	26	26	23	34	31	29	28	27	26	24	22	19	17	15
KW	1.79	1.74	1.68	1.63	1.59	1.57	1.52	2.28	2.20	2.12	2.05	2.00	1.97	1.89	1.82	1.74	1.66	1.58
AMPS	6.8	6.6	6.3	6.1	6.0	5.9	5.6	8.9	8.6	8.3	7.9	7.7	7.6	7.3	6.9	6.6	6.3	5.9
COP	3.64	3.52	3.41	3.29	3.20	3.13	2.95	2.57	2.47	2.41	2.39	2.39	2.34	2.23	2.10	1.96	1.81	1.64

DH6VSA2410A* + DFVE24BP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	29.5	27.7	26.0	24.3	23.2	22.4	20.4	22.8	21.0	19.7	18.7	18.2	17.6	15.9	14.2	12.5	10.8	9.2
T/R	33	31	30	28	27	26	24	25	23	22	21	20	19	17	16	14	12	10
KW	2.27	2.21	2.15	2.10	2.06	2.04	1.98	2.37	2.31	2.24	2.17	2.14	2.11	2.04	1.98	1.91	1.85	1.78
AMPS	8.6	8.3	8.1	7.8	7.7	7.6	7.3	9.0	8.8	8.5	8.2	8.0	7.9	7.6	7.3	7.0	6.8	6.5
COP	3.81	3.68	3.54	3.40	3.30	3.22	3.03	2.82	2.67	2.58	2.53	2.50	2.44	2.28	2.10	1.92	1.72	1.51

DH6VSA3010A* + DFVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	36.7	34.5	32.3	30.2	28.8	27.8	25.3	26.4	24.5	23.0	22.0	21.4	20.7	18.8	17.0	15.2	13.3	11.5
T/R	32	31	29	27	26	26	23	26	24	22	21	21	20	18	16	15	13	11
KW	2.83	2.75	2.68	2.60	2.56	2.53	2.45	2.85	2.77	2.69	2.61	2.56	2.53	2.45	2.37	2.29	2.21	2.13
AMPS	10.7	10.4	10.0	9.7	9.5	9.4	9.1	10.8	10.4	10.1	9.7	9.5	9.4	9.1	8.7	8.4	8.0	7.7
COP	3.80	3.67	3.54	3.40	3.30	3.22	3.02	2.71	2.59	2.51	2.47	2.45	2.40	2.25	2.10	1.94	1.76	1.58

DH6VSA3610A* + DFVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.6	41.1	38.6	36.2	34.6	33.4	30.7	32.8	30.1	28.1	26.7	26.0	25.0	22.5	20.0	17.5	15.0	12.6
T/R	31	29	28	26	25	25	23	22	20	19	18	18	17	15	14	12	10	9
KW	3.34	3.27	3.19	3.12	3.07	3.04	2.97	3.47	3.38	3.29	3.20	3.15	3.11	3.02	2.93	2.84	2.75	2.66
AMPS	12.5	12.2	11.9	11.6	11.4	11.2	10.9	13.1	12.7	12.3	11.9	11.7	11.5	11.1	10.7	10.3	10.0	9.6
COP	3.82	3.69	3.55	3.40	3.30	3.22	3.03	2.77	2.61	2.51	2.45	2.42	2.35	2.18	2.00	1.81	1.60	1.38

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

KW= Total system power

DH6VSA4210A* + DFVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	47.0	45.1	43.2	41.3	40.0	39.0	37.2	41.9	39.2	36.9	35.4	34.5	33.4	30.6	27.8	25.0	22.2	19.4
T/R	32	31	30	29	28	28	26	33	31	29	28	27	26	24	22	20	17	15
KW	3.29	3.36	3.43	3.51	3.55	3.58	3.65	4.72	4.65	4.58	4.51	4.46	4.43	4.36	4.29	4.22	4.14	4.07
AMPS	13.0	13.3	13.6	14.0	14.2	14.3	14.6	18.3	17.8	17.2	16.6	16.3	16.1	15.5	17.4	14.4	13.8	13.2
COP	4.19	3.93	3.68	3.45	3.30	3.20	2.99	2.60	2.47	2.36	2.30	2.27	2.21	2.06	1.90	1.74	1.57	1.40

DH6VSA4810A* + DFVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.1	52.4	49.8	47.2	45.5	44.2	41.7	42.3	39.5	37.2	35.6	34.8	33.7	30.8	28.0	25.2	22.3	19.5
T/R	36	34	33	31	31	30	28	29	26	25	24	23	23	21	19	17	15	13
KW	4.02	4.02	4.03	4.04	4.04	4.04	4.05	4.51	4.44	4.37	4.30	4.26	4.24	4.17	4.10	4.03	3.96	3.89
AMPS	16.0	16.0	16.1	16.1	16.1	16.1	16.1	18.2	17.9	17.6	17.3	17.1	17.0	16.7	16.4	16.1	15.8	15.5
COP	4.02	3.82	3.62	3.43	3.30	3.21	3.02	2.75	2.60	2.49	2.43	2.39	2.33	2.17	2.00	1.83	1.65	1.47

DH6VSA6010A* + DFVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.0	64.9	60.9	57.0	54.5	52.7	48.2	53.3	49.0	45.9	43.7	42.5	40.9	37.0	33.0	29.0	25.1	21.1
T/R	37	36	34	32	31	30	27	29	27	25	24	23	22	20	18	16	14	12
KW	5.30	5.17	5.04	4.92	4.84	4.79	4.66	6.11	5.89	5.68	5.47	5.34	5.26	5.05	4.84	4.62	4.41	4.20
AMPS	20.4	19.9	19.3	18.8	18.4	18.2	17.7	23.9	23.0	22.1	21.2	20.6	20.3	19.3	18.4	17.5	16.6	15.7
COP	3.82	3.68	3.54	3.40	3.30	3.22	3.03	2.56	2.44	2.37	2.34	2.33	2.28	2.15	2.00	1.84	1.67	1.48

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

KW= Total system power

EXPANDED HEATING DATA — HEATING BOOST MODE

DH6VSA1810A* + DFVE24BP1300A*

	OUTDOOR AMBIENT TEMPERATURE							35 OR LOWER
	65	60	55	50	47	45	40	
MBh	33.8	31.9	30.1	28.2	27.0	26.2	24.2	Same as normal heating mode
T/R	49	47	45	42	41	40	37	
KW	2.81	2.73	2.65	2.57	2.52	2.49	2.41	
AMPS	11.2	10.9	10.5	10.2	10.0	9.9	9.5	
COP	3.53	3.43	3.33	3.22	3.14	3.08	2.94	

DH6VSA2410A* + DFVE24BP1300A*

	OUTDOOR AMBIENT TEMPERATURE							35 OR LOWER
	65	60	55	50	47	45	40	
MBh	34.0	32.1	30.1	28.2	27.0	26.1	23.9	Same as normal heating mode
T/R	38	36	34	32	31	30	28	
KW	2.58	2.52	2.45	2.39	2.36	2.33	2.27	
AMPS	9.9	9.7	9.4	9.1	9.0	8.9	8.6	
COP	3.87	3.74	3.60	3.45	3.35	3.28	3.08	

DH6VSA3010A* + DFVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE							35 OR LOWER
	65	60	55	50	47	45	40	
MBh	43.0	40.6	38.2	35.9	34.3	33.2	30.6	Same as normal heating mode
T/R	38	36	34	33	31	31	28	
KW	3.28	3.20	3.12	3.04	3.00	2.96	2.89	
AMPS	12.6	12.3	12.0	11.6	11.4	11.3	10.9	
COP	3.85	3.72	3.59	3.45	3.36	3.29	3.11	

DH6VSA3610A* + DFVE36CP1300A*

	OUTDOOR AMBIENT TEMPERATURE							35 OR LOWER
	65	60	55	50	47	45	40	
MBh	48.0	45.1	42.4	39.6	37.9	36.6	33.4	Same as normal heating mode
T/R	34	32	31	29	28	27	25	
KW	3.32	3.25	3.17	3.10	3.05	3.02	2.95	
AMPS	12.4	12.1	11.8	11.5	11.3	11.1	10.8	
COP	4.23	4.08	3.91	3.75	3.63	3.54	3.32	

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

KW= Total system power

DH6VSA4210A* + DFVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	63.9	60.4	57.0	53.6	51.4	49.7	46.0	Same as normal heating mode
T/R	48	46	44	41	40	39	36	
KW	5.16	5.09	5.01	4.94	4.90	4.87	4.80	
AMPS	21.7	21.2	20.6	20.0	19.7	19.5	18.9	
COP	3.63	3.48	3.33	3.18	3.07	2.99	2.81	

DH6VSA4810A* + DFVE48DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	64.5	60.9	57.4	54.0	51.8	50.1	46.4	Same as normal heating mode
T/R	42	40	38	36	35	34	31	
KW	4.93	4.86	4.79	4.72	4.68	4.65	4.58	
AMPS	20.0	19.7	19.4	19.1	18.9	18.8	18.5	
COP	3.83	3.67	3.52	3.35	3.24	3.16	2.97	

DH6VSA6010A* + DFVE60DP1300A*

	OUTDOOR AMBIENT TEMPERATURE							
	65	60	55	50	47	45	40	35 OR LOWER
MBh	81.1	76.4	71.7	67.2	64.2	62.0	56.8	Same as normal heating mode
T/R	44	42	40	38	36	35	32	
KW	6.30	6.12	5.94	5.76	5.65	5.58	5.40	
AMPS	24.8	24.0	23.2	22.4	22.0	21.7	20.9	
COP	3.77	3.66	3.54	3.42	3.33	3.26	3.09	

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

KW= Total system power

DH6VSA1810A* / DFVE24BP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 9-11°F AT 100% DEMAND				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	19,000	13,500	5,500	1,080
80°	18,600	13,400	5,200	1,200
85°	18,100	13,200	4,900	1,250
90°	17,600	13,000	4,600	1,300
95°	17,100	12,800	4,300	1,430
100°	16,400	12,500	3,900	1,500
105°	15,700	12,100	3,600	1,650
110°	15,100	12,000	3,100	1,800
115°	14,500	11,900	2,600	1,900
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	16,400	12,500	3,900	1,430

DH6VSA1810A* / DFVE24BP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 9-11°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	20,500	14,800	5,700	1,100
80°	20,000	14,600	5,400	1,200
85°	19,500	14,400	5,100	1,300
90°	18,900	14,200	4,700	1,400
95°	18,300	13,900	4,400	1,450
100°	17,600	13,600	4,000	1,600
105°	16,900	13,200	3,700	1,700
110°	16,300	13,100	3,200	1,800
115°	15,700	13,000	2,700	1,950
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	17,600	13,600	4,000	1,450

DH6VSA2410A* / DFVE24BP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 11-13°F AT 100% DEMAND				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	26,000	18,200	7,800	1,790
80°	25,400	18,000	7,400	1,900
85°	24,700	17,800	6,900	2,030
90°	24,000	17,500	6,500	2,200
95°	23,200	17,200	6,000	2,270
100°	22,200	16,600	5,600	2,400
105°	21,100	16,000	5,100	2,570
110°	20,300	15,900	4,400	2,700
115°	19,400	15,700	3,700	2,910
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	22,200	16,700	5,500	2,290

DH6VSA2410A* / DFVE24BP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 11-13°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	28,300	20,100	8,200	1,900
80°	27,600	19,900	7,700	2,000
85°	26,900	19,600	7,300	2,150
90°	26,000	19,200	6,800	2,300
95°	25,100	18,800	6,300	2,400
100°	24,100	18,300	5,800	2,600
105°	23,000	17,700	5,300	2,700
110°	22,100	17,600	4,500	2,900
115°	21,200	17,400	3,800	3,100
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	24,200	18,400	5,800	2,400

DH6VSA3010A* / DFVE36CP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F AT 100% DEMAND				
Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	31,800	22,900	8,900	2,280
80°	31,000	22,800	8,200	2,400
85°	30,200	22,700	7,500	2,550
90°	29,300	22,300	7,000	2,700
95°	28,400	21,900	6,500	2,840
100°	27,200	21,300	5,900	3,000
105°	25,900	20,700	5,200	3,160
110°	24,900	20,600	4,300	3,300
115°	23,800	20,500	3,300	3,530
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	27,100	21,100	6,000	2,850

DH6VSA3010A* / DFVE36CP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 13-15°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	34,700	24,600	10,100	2,350
80°	33,900	24,500	9,400	2,500
85°	33,000	24,400	8,600	2,600
90°	31,900	23,900	8,000	2,800
95°	30,700	23,300	7,400	2,900
100°	29,500	22,800	6,700	3,100
105°	28,200	22,300	5,900	3,250
110°	27,100	22,100	5,000	3,400
115°	26,000	21,800	4,200	3,600
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	29,600	22,800	6,800	2,900

DH6VSA3610A* / DFVE36CP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 14-16°F AT 100% DEMAND				
Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	38,300	28,000	10,300	3,050
80°	37,300	27,600	9,700	3,200
85°	36,300	27,200	9,100	3,430
90°	35,300	26,800	8,500	3,600
95°	34,200	26,300	7,900	3,800
100°	32,500	25,300	7,200	4,100
105°	30,800	24,300	6,500	4,310
110°	29,800	24,600	5,200	4,400
115°	28,800	24,800	4,000	4,390
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	32,500	25,400	7,100	3,850

DH6VSA3610A* / DFVE36CP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 14-16°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	41,200	30,100	11,100	3,100
80°	40,100	29,700	10,400	3,300
85°	39,000	29,300	9,700	3,450
90°	37,600	28,600	9,000	3,700
95°	36,200	27,900	8,300	3,900
100°	34,700	27,000	7,700	4,100
105°	33,100	26,100	7,000	4,350
110°	31,000	25,500	5,500	4,400
115°	28,800	24,800	4,000	4,400
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	34,900	27,200	7,700	3,900

PERFORMANCE DATA FOR STANDARD OPERATING MODE (CONT.)

DH6VSA4210A* / DFVE48DP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 7-9°F AT 100% DEMAND				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	44,000	30,400	13,600	3,720
80°	43,400	30,400	13,000	3,900
85°	42,800	30,400	12,400	4,120
90°	41,900	30,200	11,700	4,300
95°	41,000	29,900	11,100	4,560
100°	39,800	29,400	10,400	4,800
105°	38,500	28,900	9,600	5,010
110°	35,200	27,400	7,800	4,100
115°	31,900	25,800	6,100	3,120
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	39,400	29,200	10,200	4,550

DH6VSA4210A* / DFVE48DP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 7-9°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	47,600	31,900	15,700	3,100
80°	47,000	31,900	15,100	3,300
85°	46,300	31,900	14,400	3,450
90°	45,300	31,700	13,600	3,600
95°	44,200	31,400	12,800	3,800
100°	42,900	30,900	12,000	4,000
105°	41,600	30,400	11,200	4,150
110°	36,800	28,100	8,700	3,700
115°	31,900	25,800	6,100	3,150
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	42,600	30,700	11,900	3,800

DH6VSA4810A* / DFVE48DP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F AT 100% DEMAND				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	50,700	34,500	16,200	4,130
80°	49,600	34,500	15,100	4,300
85°	48,400	34,400	14,000	4,550
90°	47,000	33,800	13,200	4,800
95°	45,500	33,200	12,300	5,000
100°	43,700	32,500	11,200	5,200
105°	41,800	31,800	10,000	5,450
110°	37,000	28,900	8,100	4,400
115°	32,100	26,000	6,100	3,340
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	43,700	32,300	11,400	4,990

DH6VSA4810A* / DFVE48DP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	56,000	35,800	20,200	4,100
80°	54,800	35,600	19,200	4,300
85°	53,500	35,300	18,200	4,500
90°	51,800	35,000	16,800	4,700
95°	50,100	34,600	15,500	4,950
100°	48,200	33,800	14,400	5,200
105°	46,300	32,900	13,400	5,400
110°	39,200	29,500	9,700	4,400
115°	32,100	26,000	6,100	3,350
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	48,300	33,300	15,000	4,950

DH6VSA6010A* / DFVE60DP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F AT 100% DEMAND				
Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	59,000	40,100	18,900	4,710
80°	57,800	39,900	17,900	5,000
85°	56,500	39,600	16,900	5,330
90°	55,000	39,100	15,900	5,600
95°	53,500	38,500	15,000	5,940
100°	49,500	36,300	13,200	5,900
105°	45,400	34,100	11,300	5,890
110°	40,700	31,800	8,900	5,500
115°	35,900	29,400	6,500	5,110
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	51,200	37,400	13,800	6,000

DH6VSA6010A* / DFVE60DP1300A* DESIGN SUBCOOLING @ AHRI 95°F CONDITIONS 8-10°F IN BOOST MODE				
OUTDOOR TEMP °F	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75°	65,000	42,300	22,700	5,950
80°	63,700	42,000	21,700	6,350
85°	62,300	41,700	20,600	6,700
90°	59,900	41,000	18,900	6,950
95°	57,500	40,300	17,200	7,300
100°	51,500	37,200	14,300	6,550
105°	45,400	34,000	11,400	5,900
110°	40,700	31,800	8,900	5,550
115°	35,900	29,500	6,400	5,150
TVA CONDITIONS @ 95° OD DB, 75° ID, 63° ID WB				
95°	55,400	39,300	16,100	7,300

NORMAL MODE - COOLING		SOUND POWER LEVEL ¹						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	61	47.7	53.0	56.9	54.8	48.4	41.2	36.5
2-ton	64	47.8	57.9	60.7	55.8	48.9	43.4	39.1
2.5-ton	66	56.9	57.4	62.0	60.2	54.2	47.4	40.3
3-ton	68	55.9	59.6	63.9	61.0	56.5	53.4	45.4
3.5-ton	70	59.7	63.9	64.6	65.2	60.3	53.8	47.5
4-ton	72	63.5	64.9	65.6	65.4	60.4	55.8	48.8
5-ton	71	61.2	64.7	65.3	65.6	61.3	57.2	48.9

¹ Compliant with AHRI 270.² Compliant with AHRI 220.

NORMAL MODE - HEATING		SOUND POWER LEVEL ¹						
TONNAGE	TOTAL UNIT SOUND RATING (dBA)	OCTAVE BAND SPECTRUM FREQUENCY (Hz) ANALYSIS (dB)						
		125	250	500	1000	2000	4000	8000
1.5-ton	61	48.4	52.3	57.3	54.9	48.7	44.8	40.4
2-ton	63	49.7	55.7	58.6	56.3	50.8	48.6	40.1
2.5-ton	70	56.2	61.4	65.5	64.5	58.4	52.0	44.6
3-ton	71	57.9	62.7	65.6	65.3	59.5	57.6	47.9
3.5-ton	71	60.7	61.3	64.8	66.1	61.5	56.0	50.3
4-ton	71	58.8	62.3	66.0	66.4	61.8	56.8	50.6
5-ton	72	61.0	64.2	66.6	66.7	62.2	57.0	51.3

¹ Compliant with AHRI 270.² Compliant with AHRI 220.

QUIET MODE_COOLING

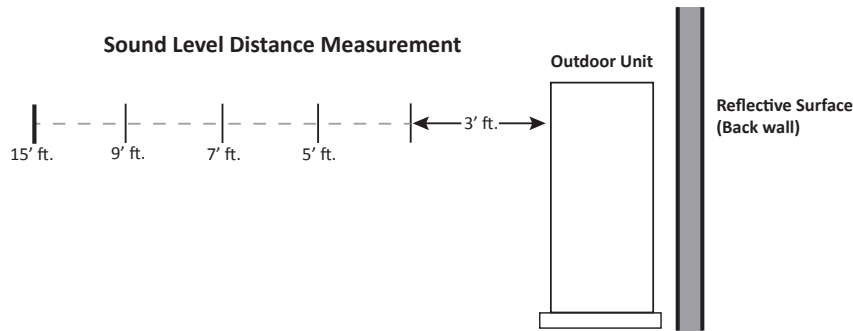
TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA)1	SOUND PRESSURE LEVEL (dBA)2
1.5-ton	LV.1	63	46
	LV.2	60	43
	LV.3	57	40
2-ton	LV.1	64	47
	LV.2	61	44
	LV.3	58	41
2.5-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3-ton	LV.1	65	51
	LV.2	62	48
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

¹ Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].

QUIET MODE_HEATING

TONNAGE	SOUND SUPPRESSION LEVEL	SOUND POWER LEVEL (dBA)1	SOUND PRESSURE LEVEL (dBA)2
1.5-ton	LV.1	65	48
	LV.2	62	45
	LV.3	59	42
2-ton	LV.1	66	49
	LV.2	63	46
	LV.3	60	43
2.5-ton	LV.1	67	53
	LV.2	64	50
	LV.3	59	45
3-ton	LV.1	67	53
	LV.2	64	50
	LV.3	59	45
3.5-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
4-ton	LV.1	67	55
	LV.2	62	50
	LV.3	57	45
5-ton	LV.1	68	55
	LV.2	63	50
	LV.3	58	45

¹ Quiet Mode Sound Power and Sound Pressure levels determined at a distance of 3 [ft].



		SOUND PRESSURE (dBA) COOLING MODE ¹				
		DISTANCE FROM PROPERTY LINE				
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
1.5 Ton	0	53	49	46	44	39
	1	56	52	49	47	42
	2	59	55	52	50	45
2.0 Ton	0	56	52	49	47	42
	1	59	55	52	50	45
	2	62	58	55	53	48
2.5 Ton	0	59	54	52	49	45
	1	62	57	55	52	48
	2	65	60	58	55	51
3.0 Ton	0	60	56	53	51	46
	1	63	59	56	54	49
	2	66	62	59	57	52
3.5 Ton	0	63	59	56	54	49
	1	66	62	59	57	52
	2	69	65	62	60	55
4.0 Ton	0	64	60	57	55	50
	1	67	63	60	58	53
	2	70	66	63	61	56
5.0 Ton	0	64	60	57	55	50
	1	67	63	60	58	53
	2	70	66	63	61	56

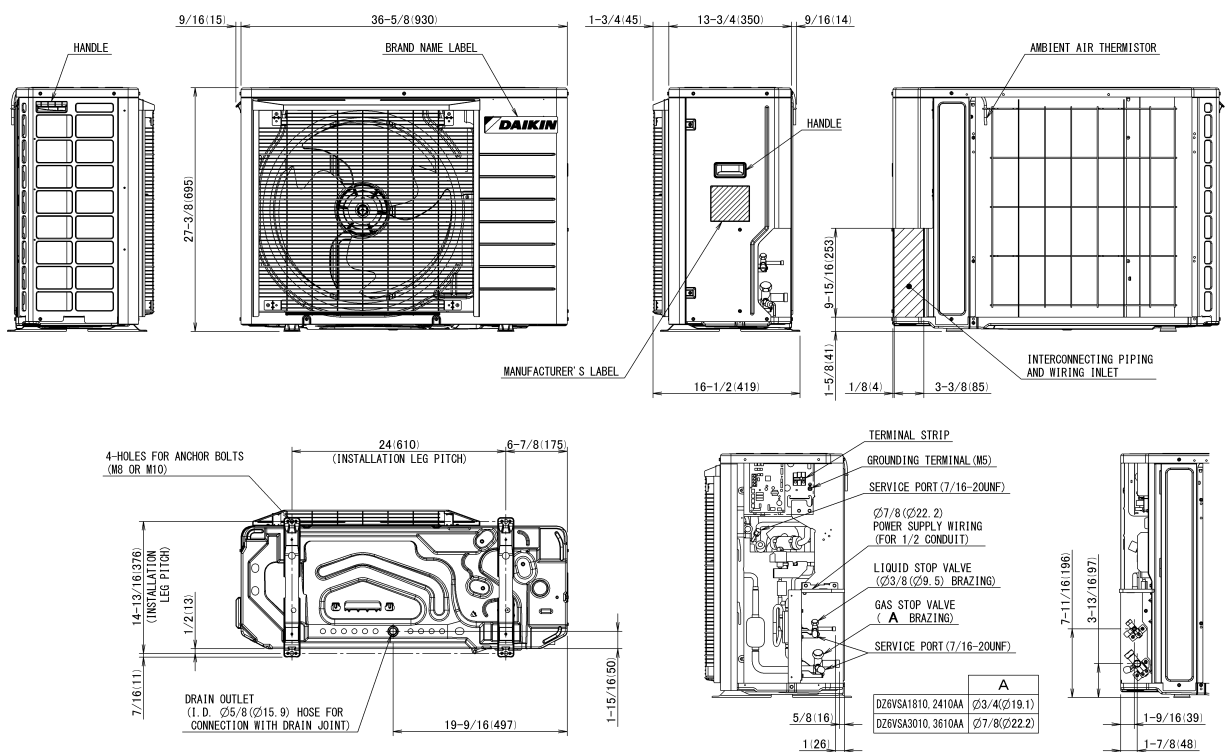
¹ Compliant with AHRI 275 utilizing standard mode, total sound levels

		SOUND PRESSURE (dBA) HEATING MODE ¹				
		DISTANCE FROM PROPERTY LINE				
TONNAGE	REFLECTIVE SURFACE QTY.	3'	5'	7'	9'	15'
1.5 Ton	0	54	49	46	44	40
	1	57	52	49	47	43
	2	60	55	52	50	46
2.0 Ton	0	55	51	48	46	41
	1	58	54	51	49	44
	2	61	57	54	52	47
2.5 Ton	0	62	58	55	53	48
	1	65	61	58	56	51
	2	68	64	61	59	54
3.0 Ton	0	63	59	56	54	49
	1	66	62	59	57	52
	2	69	65	62	60	55
3.5 Ton	0	63	59	56	54	49
	1	66	62	59	57	52
	2	69	65	62	60	55
4.0 Ton	0	64	60	57	54	50
	1	67	63	60	57	53
	2	70	66	63	60	56
5.0 Ton	0	65	61	58	55	51
	1	68	64	61	58	54
	2	71	67	64	61	57

¹ Compliant with AHRI 275 utilizing standard mode, total sound levels

***ALL AHRI SYSTEM RATINGS ARE ACCESSIBLE IN THE UNITARY MATCHUP TOOL VIA
DAIKIN CITY OR IN THE DAIKIN SYSTEM CONFIGURATOR TOOL VIA PARTNERLINK.***

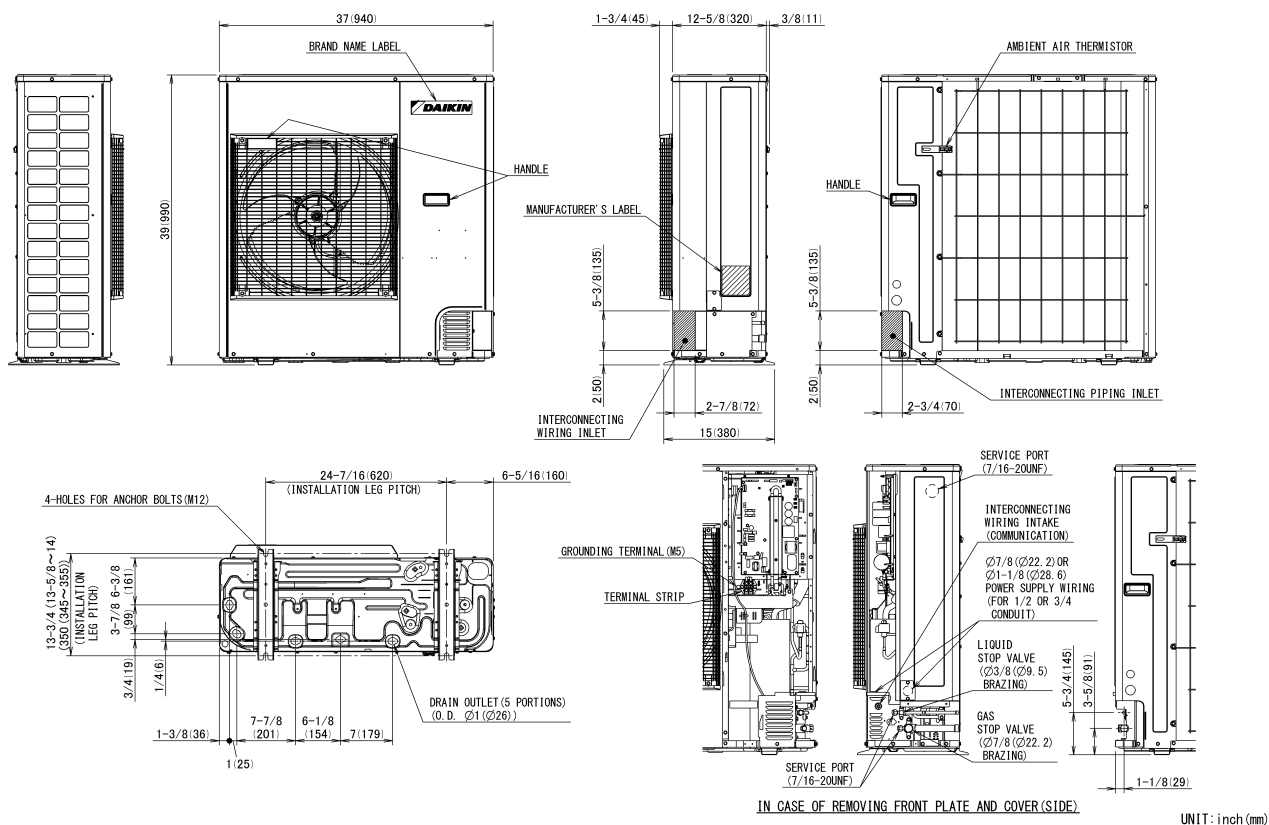
MODEL	DIMENSIONS		
	W"	D"	H"
DH6VSA1810A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
DH6VSA2410A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
DH6VSA3010A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$
DH6VSA3610A*	36 $\frac{5}{8}$	13 $\frac{3}{4}$	27 $\frac{3}{8}$

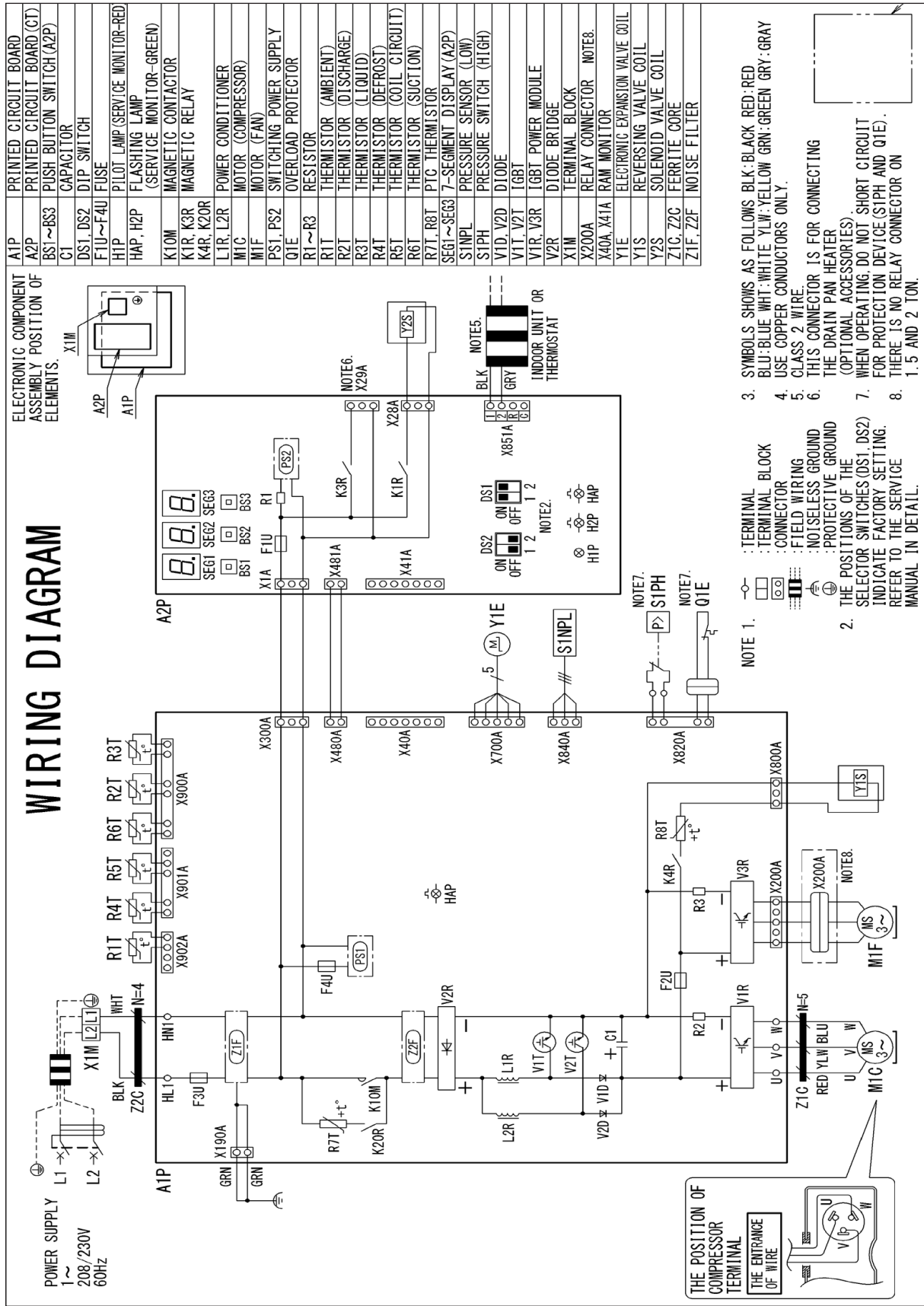


IN CASE OF REMOVING RIGHT SIDE PLATE

UNIT: inch (mm)

MODEL	DIMENSIONS		
	W"	D"	H"
DH6VSA4210A*	37	12 $\frac{1}{2}$	39
DH6VSA4810A*	37	12 $\frac{1}{2}$	39
DH6VSA6010A*	37	12 $\frac{1}{2}$	39

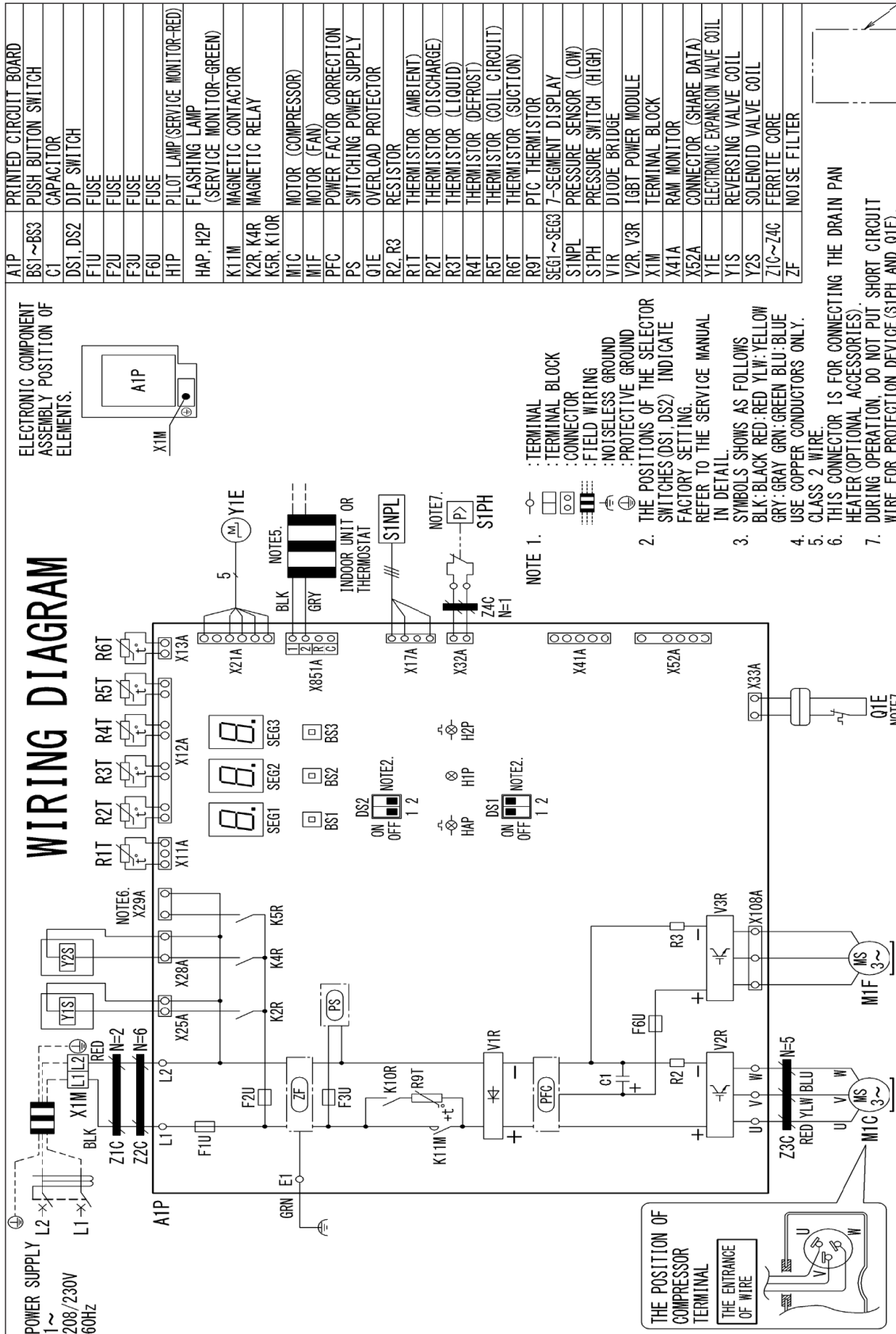




Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

MODEL	DESCRIPTION	DH6VSA 1810A*	DH6VSA 2410A*	DH6VSA 3010A*	DH6VSA 3610A*	DH6VSA 4210A*	DH6VSA 4810A*	DH6VSA 6010A*
KPW5G112	Wind Baffle	X	X	X	X	X	X	X
KPS00501 ¹	Snow Guard Front	X	X	X	X			
KPS00502 ¹	Snow Guard Rear	X	X	X	X			
KPS00503 ¹	Snow Guard Side	X	X	X	X			
KPS00504 ¹	Snow Guards - Complete Set	X	X	X	X			
KPS00601 ¹	Snow Guard Front					X	X	X
KPS00602 ¹	Snow Guard Rear					X	X	X
KPS00603 ¹	Snow Guard Side					X	X	X
KPS00604 ¹	Snow Guards - Complete Set					X	X	X
130-DK-006	Hail Guard	X	X	X	X			
130-DK-008	Hail Guard					X	X	X
KEH3P573598	Drain Pan Heater	X	X	X	X			
KEH3P573567	Drain Pan Heater					X	X	X
DACA-WB-3	Powder Coated Wall-Mounted Bracket	X	X	X	X	X	X	X
DSEN-HAQA	Daikin One Home Air Monitor	X	X	X	X	X	X	X
DQ-P-16-100	Daikin One Powered Ventilator	X	X	X	X	X	X	X

¹ Product is manufactured at time of order. Lead time will be associated with purchase.

[illegible]

[illegible]